INDEX

actions on contact, 4-10	TOW, in restrictive terrain, E-4
convoy escort, in, 8-22	types of, 4-14
development, 4-11	UO, in, 6-14
four steps of, 4-11	audacity, in offensive operations, 4-2
time requirements, 4-11	Avenger, 10-31, 10-32 (illus)
urban operations, in 6-25	avenue of approach, 2-12
active protection systems, 1-12	analysis, in TLP, 2-12
ATGM jammers, 1-13	identifying, in defensive operations,
laser warning receivers, 1-13	5-25
hard kill systems, 1-13	urban operations, in, 6-20
ADAM, 10-27	battle drill, in actions on contact, 4-12
air defense, 4-3	battle operating systems, 4-2
defensive operations, 5-7	air defense, 4-3
early warning procedures, 10-33	combat service support, 4-3
employment, in CS, 10-33	fire support, 4-2
machine gun aiming points, 10-35	mobility and survivability, 4-3
(illus)	planning considerations in defensive
passage of lines, 7-15	operations, 5-4
reaction procedures, 10-34	bounding, 3-10
systems, in CS, 10-31, 10-32 (illus)	alternate bounds, 3-11
urban operations, 6-22	forces, movement in maneuver, 4-10
weapons control status, 10-33	overwatch, 3-10 (illus)
ambush (see also attack), 4-10	successive bounds, 3-11
actions, convoy escort, 8-22	Bradley Linebacker, 10-31, 10-21 (illus)
antiarmor position, D-10	Bradley Stinger Fighting Vehicle, 10-31,
approach-march technique, 4-23	10-32 (illus)
assembly area, in offense, 4-4	breaching, in CS, 10-23
assault, 4-5	key doctrine, 10-24 (illus)
defensive operations, 5-4	camouflage during movement, 3-2
offensive operations, 4-5	capabilities and limitations, 1-9
attack, 4-14	additional capabilities 1-9
ambush, 4-19	defensive, 1-9
characteristics of, 4-14	limitations, 1-10
checklist for, 10-22 (illus)	offensive, 1-9
close combat, in CS, 10-22	casualty report, 11-17 (illus)
counterattack, 4-21	checkpoints, in stability operations, 8-16
deliberate, 4-17	layout, 8-18 (illus)
demonstration, 4-22	purpose, 8-16
direction of assault, 6-15 (illus)	civil considerations, analysis in TLP, 2-
feint, 4-22	20
hasty, 4-16	urban operations, analysis in, 6-10,
isolating objective, 6-15 (illus)	6-24
options, 4-19	close air support (see also combat
raid, 4-19	support), 10-18
spoiling, 4-20	AC-130 gunship, 10-19

battle damage assessment format,	concept of, 2-2
10-19 (illus)	convoy escort, in, 8-20
marking friendly positions, 10-	definitions, 2-1
19, 10-20 (illus)	fundamentals of, 2-2
combat service support, 11-1	leadership, 2-2
BOS, 4-3	passage of lines, in, 7-15
considerations in stability operations,	responsibilities, 2-3
8-9	company commander, 2-3
defensive operations, in, 5-11	executive officer, 2-3
development of plan, 11-1	first sergeant, 2-4
health service support, 11-13	platoon leader, 2-4
maintenance operations, 11-11	section leader, 2-4
reorganization and weapons	squad leader, 2-4
replacement, 11-18	consolidation and reorganization, 4-5
responsibilities, 11-2	defensive operations, in, 5-4
in passage of lines, 7-15	offensive operations, in, 4-5
resupply, 11-5	urban operations, in, 6-16
antiarmor resupply requirements,	convoy escort in stability operations,
11-11	8-19
classes of supply, 11-5	C2, 8-20
LOGPAC, 11-10	task-organized mission, 8-20 (illus)
prestock operations, 11-10	counterattack, 4-20
trains, 11-4	attack option, 4-20
SBCT and, 11-19	defensive operations, in, 5-4
combat support, 10-1	offense, 4-20
air defense artillery, 10-31	urban operations, in, 6-25
close air support, 10-18	countermobility in CS, 10-24
command and support relationship,	mine dump operations, 10-25
10-1	obstacle intent, 10-25
direct support, 10-2	obstacle planning, 10-25
general support, 10-2	course of action, 2-22
fire support, 10-7	actions on contact, in, 4-11, 4-13
fire support preparation, 10-7	analyze, in TLP, 2-24
final protective fires, 10-14	array initial forces, in TLP, 2-24
fire support team, 10-18	assign headquarters, 2-24
munitions, special, 10-15	commander's critical information
targets, 10-13	requirements, 2-26
helicopter attack, 10-21	compare and select, 2-26
intelligence, 10-22	development of, in TLP, 2-22
maneuver support, 10-23	relative combat power analysis
NBC support, 10-30	matrix, 2-22, 2-23 (illus)
SBCT, and, 10-36	schemes of maneuver, in TLP, 2-24
command and control, 2-1	statements and sketches, 2-24
battle command, in urban operations,	war gaming, in TLP, 2-25
6-5	cover and concealment, 1-7
C2 system, 2-1	analysis of, in TLP, 2-15

considerations in analysis, 2-15	enemy, 2-16
(illus)	assault, 5-4
TOW, in restricted terrain, E-3	avenue of approach, identification, in
weapons placement, in defensive	defensive operations, 5-25, 5-26
operations, 5-6	(illus)
defensive operations, 5-1	counterattack, 5-4
air defense, 5-8	main attack, 5-4
BOS planning, 5-5	movement to contact, considerations
characteristics of, 5-1	of, 4-23
control measures, 5-12	preparatory fires, in the defense, 5-3
CSS in, 5-11	scheme of maneuver, in defensive
defend from battle position, 5-15, 5-	operations, 5-26, 5-27 (illus)
16 (illus), 5-17 (illus), 5-18	security operations, consideration of,
(illus)	7-3
defend in sector, 5-13, 5-14 (illus)	TLP, analysis, 2-16
multiple engagement areas, 5-18,	urban operations, analysis of 6-8,
5-19 (illus)	6-17
other employment options, 5-22	where to kill, in defensive
priority of work, 5-32	operations, 5-27, 5-29 (illus)
purpose, 5-1	enemy countermeasures, 1-10
reverse slope, 5-19, 5-20 (illus)	before TOW gunner fires, 1-10
sector sketches, 5-34	camouflage, 3-2
selection considerations, 5-13 (illus)	deception, 1-11
sequence of, 5-3	reduce TOW effectiveness, 1-13
techniques, 5-12	while TOW in flight, 1-10
demonstration, see attack	engagement area, multiple, in defensive
deployment in offensive operations, 4-4	operations, 5-18, 5-19 (illus)
doctrine, 1-1	5-31
base of fire or fixing force, 1-1	development, in defensive
employment, 1-4	operations, 5-25
combined-arms team, 1-8	envelopment, in offensive
cover and concealment, 1-6	operations, 4-6, 4-7 (illus)
flank engagements, 1-5	rehearsal, in defensive operations,
fundamentals, 1-4	feint (see attack), 4-21
in depth, 1-8	field artillery and the SBCT, in CS,
mutual support, 1-4	10-36
security, 1-5	fighting positions, D-12
stand off, 1-5	initial, in urban operations, 6-23
enabling operations, tactical, 7-1	M2, M19 positions, D-17, D-18
guard, 7-8	(illus)
linkup, 7-12	principles, D-13
local security, 7-11	priority of work, D-13
passage of lines, 7-14	stages, D-13
reconnaissance, 7-1	stage 1, D-14 (illus)
screen, 7-6	stage 2, D-15 (illus)
security, 7-2	stage 3, D-16 (illus)

stage 4, D-17 (illus)	primary, D-2 (illus)
standard designs, D-12	reconnaissance, D-4
three-soldier position, D-19, D-20	subsequent, D-3, D-4 (illus)
(illus)	supplementary, D-3 (illus)
fire support, 4-2	types of positions, D-6
BOS, 4-2	excavated hull-down, D-7 (illus)
considerations, in CS, 10-2, 10-3	hide position to hull-down, D-8
(illus)	(illus)
direct, in urban operations, 6-5	natural hull down, D-6 (illus)
execution matrix, 10-9, 109-10	outline of dismounted position,
(illus)	D-9 (illus)
indirect, planning in security	overhead cover and missile
operations, 7-5	guidance set position, D-10
planning, in CS 10-4	(illus)
special munitions, in CS, 10-15	force protection, in stability operations,
urban operations defense, 6-22	8-8
fires, suppressive, during movement, 3-2	foreign internal defense, see also
commands, C-20	stability operations, 8-4
common fire control measures,	formations, 3-2
C-10 (illus)	coil and herringbone, 3-7, 3-8 (illus)
direct and indirect, weapons	column, 3-2, 3-3 (illus)
placement, 5-6	echelon, 3-4, 3-5 (illus)
direct fire planning, C-8	line, 3-3, 3-4 (illus)
direct, in linkup, 7-12	vee, 3-6, 3-7 (illus)
enemy, preparatory, in defensive	wedge, 3-5, 3-6 (illus)
operations, 5-3	fratricide, B-1
friendly-based quadrants, C-13	checklist, B-10 (illus)
(illus)	consideration, B-9
indirect fire planning, C-9	reduction measures, B-8
indirect, in close support, in CS,	risk management, and, B-6
10-17	graphic controls, in urban operations,
indirect, in linkup, 7-12	6-6 (illus), 6-11, 6-12 (illus),
indirect, planning and integrating,	6-25
defensive operations, 5-30, 5-31	hasty defense, in urban operations, 6-26
(illus)	health service support, 11-11
patterns, C-15 (illus)	humanitarian and civil assistance, see
planning and control, C-1	also stability operations, 8-5
process, C-3, C-4 (illus), C-5 (illus),	intelligence, in CS, 10-22
C-6 (illus), C-7 (illus)	military intelligence and the SBCT
support, in defensive operations, 5-7	in CS, 10-36
target array, C-16 (illus)	linkup, 7-12
firing positions, D-1	contingency, 7-13
alternate, D-2(illus)	planning, 7-12
occupation, D-5	steps in, 7-13 (illus)
ground clearance, D-11 (illus)	lodgment area, 8-10
preparation, D-4, D-5 (illus)	general layout, 8-12

long-term occupation, 8-11	urban operations, analysis of, 6-8, 6-
use of existing facilities, 8-11 (illus)	17
LOGPAC, 11-7	military decision-making process, see
maintenance operations, 11-11	MDMP, 2-5
maneuver, 2-24	mines, 10-26
BOS and, in defensive operations,	dump operations, 10-25
5-5	multiple delivery system, 10-27
cover and concealment, 5-6	SCATMINE delivery systems, 10-27
depth and dispersion, 5-5	SCATMINE emplacement authority,
direct fire suppression, 5-6	10-26 (illus)
disengagement criteria, 5-6	SCATMINE marking, 10-28, 10-29
displacement planning, 5-5	(illus)
employment on battlefield, 4-9	SCATMINE safety and fragment
envelopment, in offensive	hazard zones, 10-30 (illus)
operations, 4-6, 4-7 (illus)	scatterable mine field warning, 10-
flank position, 5-5	26, 10-27 (illus)
forms of, offensive operations, 4-5	scatterable mines, 10-26
frontal attack, in offensive	mobility, in CS, 10-23
operations, 4-8	breaching doctrine, 10-24 (illus)
infiltration, in offensive operations,	breaching operations, 10-23
4-8, 4-9 (illus), 4-29 (illus),	planning, in the defense, 10-24
4-30 (illus)	route clearance, 10-24
offensive, in sequence, 4-4	mobility and survivability, as BOS, 4-3
penetration, in offensive operations,	in defensive operations, 5-8
4-5, 4-6 (illus)	MOPMS, 10-27
scheme of, develop in TLP, 2-24	movement, 2-26
SOP, in actions in contact, 4-12	bounding force, 4-10
support, in CS, 1023	contact, to, 4-22
turning, in offensive operations, 4-7,	formations, 3-2
4-8 (illus)	fundamentals of, 3-1
urban operations, in, 6-7	initiate, in TLP, 2-26
weapons placement and, 5-5	line of departure in offense, to, 4-4
MANPADS, 10-31, 10-32 (illus)	techniques of, 3-9
METT-TC, 1-1	urban operations, in, 6-4, 6-13
analysis of terrain matrix, 2-11 (illus)	multiple delivery mine system, 10-27
civil considerations, analysis of in	NBC support, in CS, 10-30
TLP, 2-20	noncombatant evacuation operations, see
analysis of, in urban operations,	also stability operations, 8-6
6-10, 6-24	OAKOC, 2-10
employment, 1-1	avenue of approach, in TLP, 2-12
enemy analysis, in TLP, 2-16	cover and concealment, 2-15 (illus)
time, analysis of in TLP, 2-19	observation and fields of fire, 2-14,
TLP and MDMP, 2-8	2-15 (illus)
troops, analysis of in TLP, 2-19	organization, 1-1
weather analysis, 2-15	Airborne and air assault battalion, in,
- · ·	1-2

light infantry brigade, in, 1-3	issue, during TLP, 2-27
TOE, 1-2 (illus)	restated mission statement, 2-9
obstacles, 2-11, 2-12 (illus)	TLP, in, 2-7
SBCT, in 1-3	unit mission, 2-8
TLP, and, 2-10, 2-11 (illus)	tailoring, 2-5
observation posts, 8-15, 8-16 (illus)	warning, in TLP, 2-6
obstacles, 2-11	issuing, in TLP, 2-22
actions at, in convoy escort, 8-23	OPORD, see troop-leading procedures
barrier, resupply material, 10-25	and see orders
intent, in CS, 10-25	passage of lines, 7-14
lanes of, in defensive operations, 5-	forward passage of lines, 7-16, 7-17 (illus)
	· · ·
passage of lines, in, 7-15	planning, 7-15
planning and integration, in	rearward passage of lines, 7-17, 7-18
defensive operations, 5-29, 5-30	(illus)
(illus)	reconnaissance in, 7-15
planning, in CS, 10-25	tactical enabling operations, in, 7-14
protective, in defensive operations,	patrol operations, see also stability
5-10	operations, 8-19
tactical, in defensive operations, 5-9,	peace operations, 8-3
5-10 (illus)	diplomatic efforts, in support of, 8-4
TLP, and, 2-11, 2-12 (illus)	peace enforcement, 8-3
urban operations, in, 6-19, 6-20	peacekeeping, 8-3
(illus)	stability operations, inc, 8-3
wire, in defensive operations, 5-11	penetration, in offensive operations, 4-5,
(illus)	4-6 (illus)
offense, 4-1	priority of fire, in urban operations, in
actions on contact, 4-10	the defense of, 6-22
four steps of, 4-11	RAAM, 10-27
attack, 4-14	raid, see also attack, 4-19
base-of-fire force, 4-9	raptor/hornet, 10-27, 10-28(illus)
bounding force, 4-10	reconnaissance, 1-11
characteristics, 4-1	conduct of, during TLP, 2-27
exploitation, 4-31	defensive operations, in, 5-3
maneuver, forms of, 4-5	enemy countermeasures, 1-11
movement to contact, 4-22	firing position preparation, in, D-4
purpose, 4-1	NBC, in, in CS support, 10-31
pursuit, 4-31	offensive operations, in, 4-4
sequence of, 4-4	passage of lines, in, 7-15
types of, 4-14	reconnaissance platoon and the
orders, 2-4	SBCT, in CS, 10-31
combat, 2-4	tactical enabling operations, in, 7-1
brevity and clarity, 2-4	urban operations, in, 6-28
operations, 2-7	remote antiarmor mine, see RAAM,
constraints, 2-9	10-27
higher headquarters, 2-8	replacement, 11-18
11151101 110uuquutto15, 2 0	Topiacomoni, II 10

equipment, 11-19	short-range air defense, see SHORAD,
personnel, in CSS, 11-18	10-33
weapons, 11-18	smoke and obscurants, 1-11
reserve, 5-24	combat support, in, 10-6
defensive operations, in, 5-24	enemy countermeasures, 1-11
stability operations, in, 8-24	movement, use during, 3-2
urban operations, in, 6-23	NBC, in, in CS, 10-30
resupply, 11-7	on-board obscurrants, 1-12
avenue of approach requirements,	smoke grenade launchers, 1-12
11-11	urban operations, in, 6-5
emergency, 11-10	vehicle engine exhaust smoke
LOGPAC, 11-7	system, 1-12
methods, 11-8	snipers and the SBCT in CS, 10-27
prestock, 11-10	spoiling attack, see also attack, 4-20
risk, B1 through B-11	stability operations, 8-1
assessment of, during TLP, 2-21	arms control, 8-7
levels and impact on mission, B-3	checkpoints, establishment, 8-16
(illus)	combat service support, 8-9
management of, B-1 (illus)	convoy escort, 8-19, 8-20 (illus)
potential hazards, B-2 (illus)	employment of checkpoints, OPs,
worksheet, B-4 (illus)	and patrols, zone of separation,
ROE, in stability operations, 8-7	8-19 (illus)
ROI, in stability operations, 8-9	foreign internal defense, 8-4
RSTA and the SBCT, in CS, 10-37	humanitarian and civic assistance, 8-
search-and-attack, 4-25	5
concept sketch, 4-30 (illus)	lodgment areas, 8-10
in movement to contact, 4-25	media considerations, 8-9
security, 5-3	negotiations, 8-13
defense of block or group of	noncombatant evacuation operations
buildings, in urban operations, 6-	8-6
28	observation posts, establishment, 8-
defensive operations, in, 5-3	15
establish, in urban operations, 6-23	patrol operations, 8-19
local, in enabling operations, 7-11	peace operations, 8-3
stability operations, in, 8-2	principles, 8-1
TOW, in restrictive terrain, E-3	security assistance, 8-5
security assistance, see also stability	support to insurgencies, 8-5
operations, 8-5	terrorism, combatting, 8-5
security force, 5-22	support to insurgencies, see also stability
defensive operations, in, 5-22	operations, 8-5
fighters, 5-23	support operations, 9-1 through 9-6
finders, 5-23	surprise, during offense, 4-1
service station resupply, see also combat	tailgate resupply, 11-9, 11-10 (illus)
service support, 11-8, 11-9 (illus)	tempo, during defense, 4-2
SHORAD, 10-33	terrain, 2-13
	analysis of, in TLP, 2-13

key, defense of, in urban operations, 6-29, 6-30 (illus)	traveling overwatch, as movement technique, 3-10 (illus)
key terrain, 2-13, 2-14 (illus)	troops, 2-19
urban operations, in, 6-9, 6-18, 6-20	analysis of, in TLP, 2-19
use of, during movement, 3-1	availability, in urban operations,
terrorism, 8-5	6-10
antiterrorism, 8-6	requirements, in urban operations,
counterterrorism, 8-6	6-7
stability operations, in, 8-5	turning, in offensive operations, 4-7, 4-8
time, analysis of, in TLP, 2-19	(illus)
urban operations, analysis in,6-23	urban operations, 6-1 through 6-31
timeline, company, 2-20 (illus)	antiarmor firing positions in, D-10
TOW, A-1 through A-3	command and control in, 6-25
characteristics of, A-3 (illus)	defend block or group of buildings,
employment in restrictive terrain, see	6-28
appendix E	defense in UO, 6-17
M2, A-2	defense of village, 6-27
missile types, A-2 (illus)	employment considerations, 6-1
MK 19, A-2	employment of antiarmor vehicles,
probability of survival, D-1 (illus)	6-2
trains, see also combat service support,	hasty defense, 6-26
in CSS, 11-4	isolate objective, 6-14 (illus), 6-15
troop-leading procedures, 2-5 through 2-	(illus)
28	movement in, 6-13
application of, 2-5	offense, in UO, 6-7
CCIR, 2-26	visibility, 3-1
commander's intent, 2-20	limited, defense during, in UO, 6-25
complete the plan, 2-27	limited, use during movement, 3-1
courses of action, 2-22	Volcano, 10-27
enemy, analysis of, 2-16	WARNO, see troop-leading procedures,
issue OPORD, 2-27	see orders
MDMP, and, 2-5	weather, analysis of, in TLP, 2-16
mission analysis, 2-7	weapons, 5-5
OPORDS, in, 2-7	direct fire planning and control, C-1
reconnaissance during TLP, 2-27	through C-21
risk assessment, 2-21	direct fire, in UO, 6-16
supervise and refine, 2-28	emplacement, in defensive
terrain and weather analysis, 2-9	operations, 5-28, 5-29 (illus)
time, analysis of, 2-19	engagement matrix, 5-35 (illus)
troops, analysis of, 2-19	placement, in defensive operations,
using OAKOC, 2-10	5-5
war games, in COA analysis, 2-25	replacement, 11-18, 11-19
WARNOs in, 2-6	sector sketches, in UO, 5-34
INFOSYS, and, 2-6	weapon reference data, A-1 through
traveling, as movement technique, 3-9	A-3
(illus)	weapons control status, 10-23
	=

weapons safety posture levels, C-18 (illus)
witness statement, 11-18 (illus)